

2/4

FIG 3

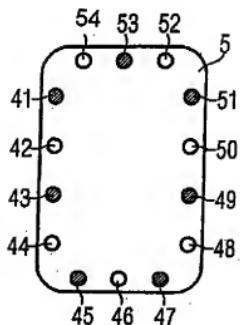
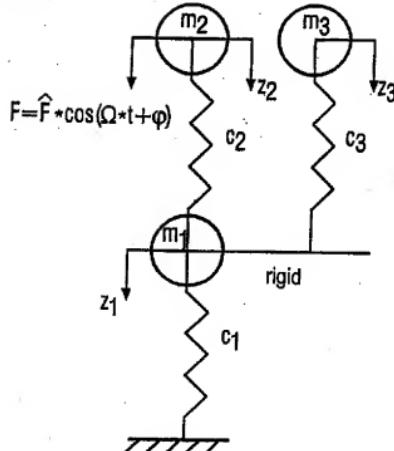


FIG 4



At e.g. Unbalance excitation

$$\hat{F} = m_2 \cdot \epsilon \cdot \Omega^2 \text{ with } \epsilon: \text{Rotor eccentricity}$$

$$\Rightarrow c_2 = (f_{\text{blege\_z}} \cdot 2 \cdot \pi)^2 \cdot m_2$$